



For KCC Use ONLY

API # 15 - \_\_\_\_\_

**IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW**

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator: \_\_\_\_\_

Lease: \_\_\_\_\_

Well Number: \_\_\_\_\_

Field: \_\_\_\_\_

Number of Acres attributable to well: \_\_\_\_\_

QTR/QTR/QTR/QTR of acreage: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Location of Well: County: \_\_\_\_\_

\_\_\_\_\_ feet from  N /  S Line of Section

\_\_\_\_\_ feet from  E /  W Line of Section

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W

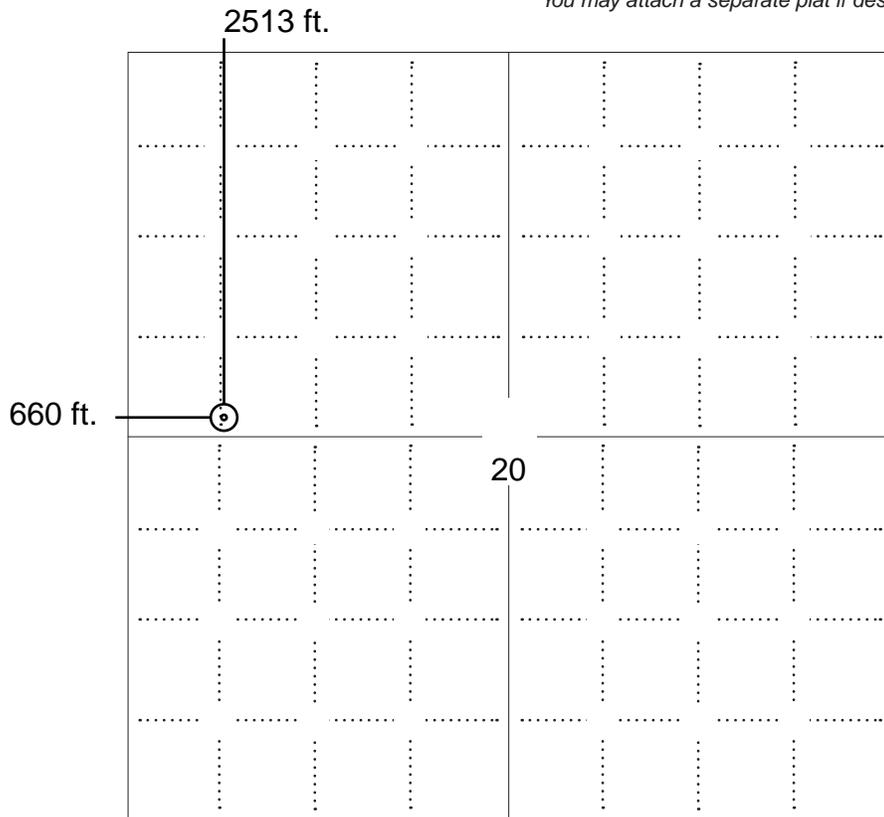
Is Section:  Regular or  Irregular

**If Section is Irregular, locate well from nearest corner boundary.**

Section corner used:  NE  NW  SE  SW

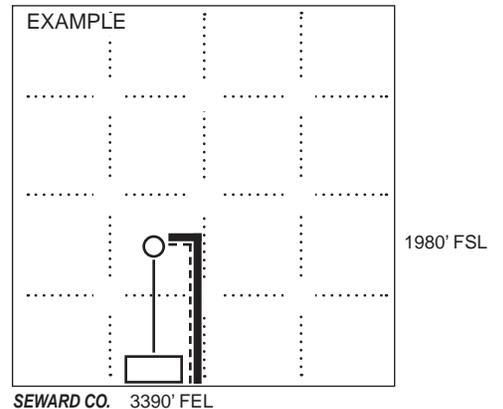
**PLAT**

Show location of the well. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired.



**LEGEND**

- Well Location
- Tank Battery Location
- Pipeline Location
- Electric Line Location
- Lease Road Location



**NOTE: In all cases locate the spot of the proposed drilling locaton.**

**In plotting the proposed location of the well, you must show:**

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).
5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.



**APPLICATION FOR SURFACE PIT**

*Submit in Duplicate*

|   |  |  |  |
|---|--|--|--|
| Operator Name:  |  | License Number:  |  |
| Operator Address:   |  |  |  |
| Contact Person:   |  | Phone Number:  |  |
| Lease Name & Well No.:  |  | Pit Location (QQQQ):<br>____ - ____ - ____ - ____  |  |
| Type of Pit:<br><input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit<br><input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit<br><input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit<br><i>(If WP Supply API No. or Year Drilled)</i>             |  | Pit is:<br><input type="checkbox"/> Proposed <input type="checkbox"/> Existing<br>If Existing, date constructed:<br>_____<br>Pit capacity:<br>_____ (bbls)   |  |
| Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input type="checkbox"/> No   |  | Chloride concentration: _____ mg/l<br><i>(For Emergency Pits and Settling Pits only)</i>   |  |
| Is the bottom below ground level?<br><input type="checkbox"/> Yes <input type="checkbox"/> No   |  | Artificial Liner?<br><input type="checkbox"/> Yes <input type="checkbox"/> No  |  |
| How is the pit lined if a plastic liner is not used?  |  |  |  |
| Pit dimensions (all but working pits):    _____ Length (feet)    _____ Width (feet) <input type="checkbox"/> N/A: Steel Pits<br>Depth from ground level to deepest point: _____ (feet) <input type="checkbox"/> No Pit  |  |  |  |
| If the pit is lined give a brief description of the liner material, thickness and installation procedure.   |  | Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.  |  |
| Distance to nearest water well within one-mile of pit:<br>_____ feet    Depth of water well _____ feet  |  | Depth to shallowest fresh water _____ feet.<br>Source of information:<br><input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input type="checkbox"/> KDWR   |  |
| <b>Emergency, Settling and Burn Pits ONLY:</b><br>Producing Formation: _____<br>Number of producing wells on lease: _____<br>Barrels of fluid produced daily: _____<br>Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No |  | <b>Drilling, Workover and Haul-Off Pits ONLY:</b><br>Type of material utilized in drilling/workover: _____<br>Number of working pits to be utilized: _____<br>Abandonment procedure: _____<br>_____<br>Drill pits must be closed within 365 days of spud date. |  |
| Submitted Electronically  |  |  |  |

|   |  |  |  |
|---|--|--|--|
| <b>KCC OFFICE USE ONLY</b>  |  |  |  |
| <input type="checkbox"/> Liner <input type="checkbox"/> Steel Pit <input type="checkbox"/> RFAC <input type="checkbox"/> RFAS           |  |  |  |
| Date Received: _____ Permit Number: _____ Permit Date: _____ Lease Inspection: <input type="checkbox"/> Yes <input type="checkbox"/> No |  |  |  |



### CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

*This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.*

Select the corresponding form being filed:  C-1 (Intent)  CB-1 (Cathodic Protection Borehole Intent)  T-1 (Transfer)  CP-1 (Plugging Application)

OPERATOR: License # \_\_\_\_\_  
Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Fax: ( \_\_\_\_\_ ) \_\_\_\_\_  
Email Address: \_\_\_\_\_

Well Location:  
\_\_\_\_ - \_\_\_\_ - \_\_\_\_ - \_\_\_\_ Sec. \_\_\_\_ Twp. \_\_\_\_ S. R. \_\_\_\_  East  West  
County: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

*If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:*

**Surface Owner Information:**

Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

*When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.*

*If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.*

**Select one of the following:**

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

*If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.*

I Submitted Electronically

I



1000 Ledgeclawn Drive  
 Conway, Arkansas 72034  
 501.328.3316 | 501.328.3325 f  
 www.craffontull.com

**Craffon Tull**  
 SURVEYING

HARPER COUNTY, KANSAS

2513' FNL- 660' FWL SECTION 20 TOWNSHIP 33S RANGE 07W 6TH P.M.



CAROTHERS 17-33-07 1H 0HL  
 2310' FSL- 669' FWL  
 X: 2113812.92  
 Y: 184465.69  
 LAT: 37.1726213° N  
 LONG: -98.1094044° W  
 LAT: 37°10'21.44" N  
 LONG: -98°06'33.86" W

CAROTHERS 17-33-07 1H SHL  
 2513' FNL- 660' FWL  
 X: 2113822.28  
 Y: 179642.21  
 LAT: 37.1593740° N  
 LONG: -98.1094416° W  
 LAT: 37°09'33.75" N  
 LONG: -98°06'33.99" W

X:2113134  
 Y:187401

NE COR.  
 SEC. 17

X:2118402  
 Y:187463

NW COR.  
 SEC. 17

CENTER OF  
 SEC. 17

X:2113152  
 Y:182150

NE COR.  
 SEC. 20

X:2118416  
 Y:182198

NW COR.  
 SEC. 20

CENTER OF  
 SEC. 20

SW COR.  
 SEC. 20

SE COR.  
 SEC. 20

X:2118462  
 Y:176908

X:2113173  
 Y:176880

BOTTOM HOLE INFORMATION PROVIDED  
 BY OPERATOR LISTED AND CORNER  
 COORDINATES ARE TAKEN FROM POINTS  
 SURVEYED IN THE FIELD.

OPERATOR: TAPSTONE ENERGY

WELL NO: 1H

ELEVATION:  
1,369' GR. AT STAKE

LEASE NAME: CAROTHERS 17-33-07

TOPOGRAPHIC & VEGETATION: LOCATION FELL IN A FIELD

GOOD DRILL SITE: YES

REFERENCE STAKES OR ALTERNATE LOCATION  
 STAKES SET: NONE

BEST ACCESSIBILITY TO LOCATION: NORTH OR WEST LINE

DISTANCE & DIRECTION  
 FROM HWY JCT OR TOWN: AT THE JCT. OF STATE HWY. 2 & NW 140 AVE (±4.5 MILES WEST OF ANTHONY, KS), TRAVEL NORTH ±1.0 MILE TO THE NORTHWEST CORNER OF SECTION 20, T33S-R07W.



(THE FOLLOWING INFORMATION WAS GATHERED USING A GPS RECEIVER ACCURACY ±2-3 METERS)

GPS  
 DATUM: NAD-27  
 LAT: 37.1593740° N  
 LONG: -98.1094416° W

STATE PLANE COORDINATES:  
 ZONE: KS-SOUTH NAD-27  
 X: 2113822.28  
 Y: 179642.21

DATE STAKED: 1-22-16

COORDINATE VALUES ARE BASED ON NAD27 STATE PLANE COORDINATE SYSTEM, KANSAS SOUTH ZONE, U.S. SURVEY FOOT.

GENERAL NOTES:

THE TIES AND FOOTAGES SHOWN ON THIS PLAT ARE FROM LINES OF OCCUPATION FROM A SURVEY MADE ON THE GROUND AND / OR BEARING AND DISTANCES FROM THE GENERAL LAND OFFICE PLAT OF THE AREA SHOWN AND MAY NOT BE THE ACTUAL PROPERTY CORNERS. THIS PLAT DOES NOT REPRESENT A TRUE BOUNDARY SURVEY. DRILL SITE CONDITION DETERMINATIONS WERE MADE BY TAPSTONE ENERGY REPRESENTATIVES.

GRAPHIC SCALE IN FEET

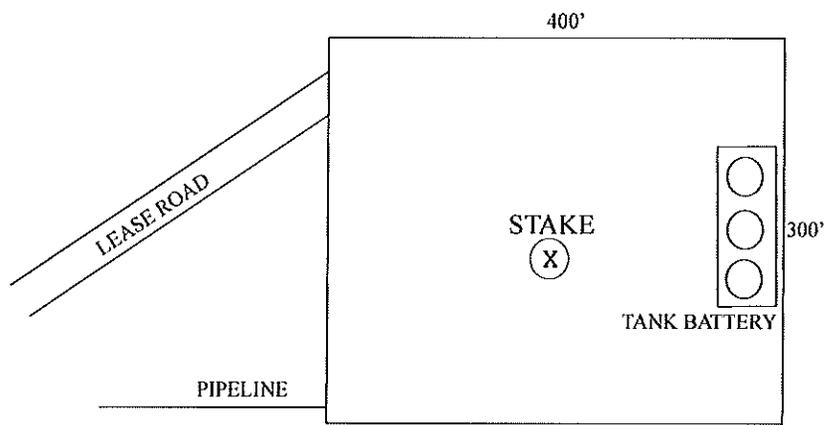


|          |   |                       |                                 |
|----------|---|-----------------------|---------------------------------|
| REVISION | tapstone  |                       |                                 |
|          | "CAROTHERS 17-33-07 1H"<br>PART OF THE NW 1/4 OF SECTION 20, T-33-S, R-07-W<br>PROPOSED DRILL SITE<br>HARPER COUNTY, KANSAS |                       |                                 |
|          | SCALE: 1" = 2000'   | PLOT DATE: 01-26-2016 | DRAWN BY: JWB SHEET NO.: 1 OF 5 |

16-310577

ADDITIONAL SURFACE OWNERS

Eugene Carothers  
302 South Jefferson  
Anthony KS 67003



PREPARED BY:  
TRIMAN, INC.  
OKLAHOMA CITY, OKLAHOMA  
DRAWING NOT TO SCALE

2/2/2016



|                              |
|------------------------------|
| <b>TAPSTONE ENERGY</b>       |
| <b>PLANNED LOCATION</b>      |
| <b>CAROTHERS 17-33-07 1H</b> |
| 2513'FNL;660'FWL             |
| Section 20-33S-7W            |
| Harper County, Kansas        |

**UNIT DESCRIPTION FOR CAROTHERS 17-33-07 1H**

**UNIT ACRES: 640**

**UNIT DESCRIPTION: N/2 Section 20-33S-7W & S/2 17-33S-7W**

Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Jay Scott Emler, Chairman  
Shari Feist Albrecht, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

February 02, 2016

Bryan Rother  
Tapstone Energy, LLC  
PO BOX 1608  
OKLAHOMA CITY, OK 73101-1608

Re: Drilling Pit Application  
Carothers 17-37-07 1H  
NW/4 Sec.20-33S-07W  
Harper County, Kansas

Dear Bryan Rother:

According to the drilling pit application referenced above, no earthen pits will be used at this location. Steel pits will be used. Please inform the Commission in writing as to which disposal well you utilized to dispose of the contents in the steel pits and the amount of fluid that was disposed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, within 30 days of fluid removal.

Should a haul-off pit be necessary please file form CDP-1 (April 2004), Application for Surface Pit, through KOLAR. This location will have to be inspected prior to approval of the haul-off pit application.

**A copy of this letter should be posted in the doghouse along with the approved Intent to Drill.** If you have any questions or concerns please feel free to contact the District Office at (316) 630-4000.

## HAUL-OFF PIT APPLICATION FILING REQUIREMENTS

### **82-3-607.**

### **DISPOSAL OF DIKE AND PIT CONTENTS.**

(a)

Each operator shall perform one of the following when disposing of dike or

pit

contents:

- (1) Remove the liquid contents to a disposal well or other oil and gas operation approved by the commission or to road maintenance or construction locations approved by the department;
- (2) dispose of reserve pit waste down the annular space of a well completed according to the alternate I requirements of K.A.R. 82-3-106, if the waste to be disposed of was generated during the drilling and completion of the well;

or

- (3) dispose of the remaining solid contents in any manner required by the commission. The requirements may include any of the following:
  - (A) Burial in place, in accordance with the grading and restoration requirements in K.A.R. 82-3-602 (f);
  - (B) removal and placement of the contents in an on-site disposal area approved by the commission;
  - (C) removal and placement of the contents in an off-site disposal area

on

acreage owned by the same landowner or to another producing

lease

or unit operated by the same operator, if prior written permission

from

the landowner has been obtained; or

approved (D) removal of the contents to a permitted off-site disposal area  
by the department.

(b) Each violation of this regulation shall be punishable by the following:

- (1) A \$1,000 penalty for the first violation;
- (2) a \$2,500 penalty for the second violation; and
- (3) a \$5,000 penalty and an operator license review for the third violation.

**File Haul-Off Pit Application in KOLAR. Review the information below and attach all required documents to the pit application when submitting through KOLAR. This form will automatically generate and fill in from questions asked in KOLAR.**

Haul-off pit will be located in an on-site disposal area: \_\_\_Yes \_\_\_No

Haul-off pit is located in an off-site disposal area on acreage owned by the same landowner: \_\_\_Yes \_\_\_No If yes, written permission from the land owner must be obtained. Attach written permission to haul-off pit application.

Haul-off pit is located in an off-site disposal area on another **producing** lease or unit operated by the same operator: \_\_\_Yes \_\_\_No If yes, written permission from the land owner must be obtained. Attach permission and a copy of the lease assignment that covers the acreage where the haul-off pit is to be located, to the haul-off pit application.